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HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON THE DATE INDICATED BELOW.

BY: Patricia Wright DATE: August 6, 2002

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application of  
Donald Siegel, et al.

RECEIVED

: Group Art Unit: 1648

Appln. No.: 09/407,182

AUG 16 2002

: Examiner: Robert Budens

Filed: September 29, 1999

TECH CENTER 1600/2900

For: COMPOSITIONS AND METHODS FOR  
DETECTION OF ANTIBODY BINDING  
TO CELLS

: Attorney Docket

: No. 9596-43U1

: (053893-5009-01)

: (J-1500-D01)

AMENDMENT TRANSMITTAL LETTER

Transmitted herewith is an Amendment in the above-identified application.

☐ Substitute Specification.

☒ Small Entity status:

☒ has previously been claimed/established.

☐ is hereby claimed under 37 C.F.R. §1.27, as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☐ a Non-Profit Organization.

The additional claim fees have been calculated as follows:

					SMALL ENTITY		LARGE ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	RATE	ADDIT. FEE
TOTAL	14	(-)	14	0	x\$9		x\$18	
INDEP.	4	(-)	3	1	x\$42	\$42.00	x\$84	
<input type="checkbox"/> 1st PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					+\$140		+\$280	
					TOTAL	\$42.00	TOTAL	

The additional claim fees are being paid by:

- ☐ A check in the amount of \$\_\_\_\_\_.
- ☒ Authorization to charge and/or credit **Deposit Account No. 50-0310 (Billing No. 053893-5009-01)** as noted below. A duplicate copy of this sheet is enclosed.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☒ Additional claim fee in the amount of **\$42.00** as calculated above.
- ☒ Any additional fees required under 37 C.F.R. § 1.16 and/or § 1.17.
- ☒ In the event that a Petition for Extension of Time is required, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account.

**CORRESPONDENCE ADDRESS**

August 6, 2002  
(Date)

By:

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BY: Pamela Wright DATE: August 6, 2002

**PATENT**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re:	Patent Application of Donald Siegel, et al.	: Group Art Unit: 1648
Appln. No.:	09/407,182	: Examiner: Robert Budens
Filed:	September 29, 1999	: Attorney Docket
For:	COMPOSITIONS AND METHODS FOR DETECTION OF ANTIBODY BINDING TO CELLS	: No. 9596-43U1 : (053893-5009-01) : (J-1500-D01)

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**AMENDMENT**

This amendment responds to the Office Action mailed May 8, 2002 (Paper No. 9), sent in connection with the above-referenced application. This Amendment is being timely filed.

Kindly amend the application as follows.

**In the Claims:**

Please amend claims 11, 18, and 19 as set forth below. A "marked-up" copy of the claims indicating the changes is attached hereto.

11. A method of detecting cell agglutination, comprising providing a mixture comprising a population of cells and a population of bacteriophage expressing a first antibody on the surface of said bacteriophage, said first antibody being specific for an antigen expressed by at least a portion of the cells in said cell population, wherein said first antibody binds to said portion of said cells causing said bacteriophage to also bind to said portion of said cells, adding said mixture to a microtube containing inert particles and a second antibody